CLAIMS

1. A chair, in particular an office chair, comprising:

- a base structure,

- a seat support structure, articulated to the base structure around a transverse axis,

- an adjustable elastic device to apply an elastic force between the base structure and the seat support structure,

- an adjustment device which can be operated manually to vary the distance between said adjustable elastic device and said transverse axis.

2. A chair as claimed in claim 1, wherein, in a resting position of the seat, said adjustable elastic device does not apply force to the seat support structure, so that the operation of the said adjustment device in said resting position of the seat is carried out without any elastic reaction force acting on the adjustable elastic device.

3. A chair as claimed in claim 1, comprising a stationary elastic device to apply an elastic force between the base structure and the seat support structure, biasing the seat support structure towards said resting position.

4. A chair as claimed in claim 2, wherein the adjustable elastic device comprises a support movable relative to the base structure along a longitudinal direction and bearing at least one elastic element associated with at least one member for applying the load.

5. A chair as claimed in claim 4, wherein in said resting position of the seat said member for applying the load is not in contact with the seat support structure.

6. A chair as claimed in claim 5, wherein the manually operated adjustment device comprises a transverse rod rotatable relative to the base structure around a transverse axis and associated to a transmission mechanism to actuate the translation of said support in the longitudinal direction as a function of the rotation of said rod.

7. A chair as claimed in claim 6, wherein said rod extends coaxially to the axis of articulation between the base structure and the seat support structure.

8. A chair as claimed in claim 1, comprising a backrest support structure articulated to the base structure around a second transverse axis parallel to the axis of articulation between the seat support structure and the base structure.

9. A chair as claimed in claim 8, comprising at least one connecting rod with its ends articulated respectively to the seat support structure and to the backrest support structure, so that the oscillating motions of the seat support structure and of the backrest support structure about the respective axes are mutually synchronised.

10. A chair as claimed in claim 1, comprising a locking device to lock the seat in a position selected by the user.

11. A chair as claimed in claim 10, wherein said locking device comprises a locking pivot borne by the seat support structure and movable in the vertical direction relative to the base structure, the locking device comprising a locking lever destined to co-operate with a plurality of annular grooves formed on said locking pivot.

12. A chair as claimed in claim 11, wherein said locking lever is connected to a longitudinal transmission rod movable in the longitudinal direction

between a locking position and an unlocking position and associated to a rotatable actuation sleeve, operated manually by the user.

13. A chair as claimed in claim 1, comprising a device for adjusting the height of the base structure, which includes a rotatable sleeve associated to a longitudinal transmission rod co-operating with a command member of a gas spring.

14. A chair as claimed in claim 1, comprising a seat movable in the longitudinal direction relative to the seat support structure.

15. A chair as claimed in claim 14, wherein the longitudinal motion of the seat is synchronised with the oscillating motion of the seat support structure around said transverse axis.

16. A chair as claimed in claim 15, comprising a backrest support structure including a pair of arms provided with respective appendages which engage respective longitudinal shoes fastened to the seat and movable in the longitudinal direction relative to the seat support structure.